

FORKLIFT

TF50D-H

DIESEL

A powerful diesel machine that can lift up to 5 tons of weight, making it suitable for a variety of heavy-duty applications



TUBOSHU

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CHARACTERISTICS			
Manufacturer			TUBOSHU
Model			TF50-D
Configuration Number			CPD50 M4K2
Power Mode			Diesel
Rated Capacity		kg	5000
Load Center		mm	500 mm
Driving Mode			Seated
DIMENSIONS			
Max Height Extended (with bakrest)	H2	mm	4250
Max. Lifting Height	H	mm	3000
Height (mast lowered)		mm	2275
Free Lifting Height	H1	mm	150
Backrest Height (calculated from the surface to the fork)	H3	mm	1250
Distance from the Surface of the Seat to the Overhead Guard	H13	mm	1020
Height of Overhead Guard	H6	mm	2350
Overall Length (with/without fork)	H4	mm	4310/3240
Front Overhang	L/L'	mm	560
Rear Overhang	L2	mm	580
Wheelbase	L3	mm	100
Towing Coupling Height	L1	mm	300
Ground Clearance (laden, between mast)	H9	mm	175
Overall Width	H5	mm	1480
Distance Across Fork-Arms (Max/Min)	W1	mm	1340/300
Tread (Front/Rear)	W5	mm	1180/1190 Mech. Truck - 1230/1190 Hydro. Truck
Min. Outside Turning Radius	W3/W2	mm	930
Min. Internal Turning Radius	r	mm	215
Min. Right Stacking Asidle Width	r'	mm	2900
Right Angle Stacking Aisle Width for Pallet 1000x1200 mm	Ast	mm	4690
Right Angle Stacking Aisle Width for Pallet 800x1200 mm	Ast	mm	4890
Mast Tilt Angle (Fwd/Bwd)	α/β	°	6/12
Fork Size	L4XxWxT	mm	1070x150x50
WEIGHT			
Total Weight		kg	6920
Axle Load (Laden, Front/Rear)		kg	10500/1420
Axle Load (Unladen, Front/Rear)		kg	2965/3955
WHEELS			
Wheels Number front/rear (x=driven wheels)			2x (double tyre 4x2)
Tyre Type			Pneumatic / Solid Option
Tyre Size / Front			300-15-18PR
Tyre Size / Rear			7.00-12-14PR
Double-Tyre Size (front/rear)			8.25-15-14PR/7.00-12-14PR
OTHER DATA			
Service Brake	Vaccuum assisted braking pedal type (mechanical truck) Hydraulic assisted braking pedal type (hydrodynamic truck)		
Parking Brake			Mechanical-Hand Lever
Fuel Tank Capacity		L	90

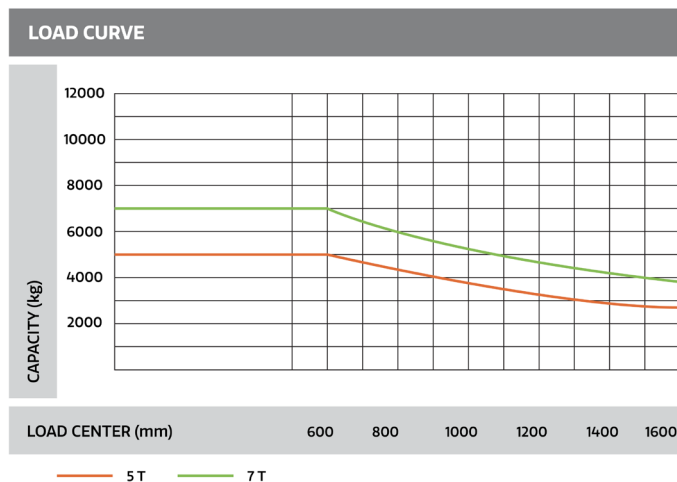
OTHER			
Travel Speed (laden/unladen)		km/h	25/26
Lifting Speed (laden/unladen)		mm/s	440/500
Lowering Speed (laden/unladen)		mm/s	480/440
Max. Drawbar Pull (laden/unladen)		kN	28/22
Max. Gradeability (laden/unladen)		%	≥20

ENGINE MODEL AND MAIN SPECIFICATIONS					
ENGINE MODEL	RATED POWER/ ROTATING SPEED (kW/rpm)	RATED POWER/ ROTATING SPEED (nM/rpm)	ENGINE DISPLACEMENT (LITERS)	CYLINDER NUMBER BORE x STROKE	POWER UNIT
ISUZU 6BG1QC-02	82/2000	415/1400-1600	6.5	6-105X125-6.5	Diesel

5T-WIDE VIEWS STANDARD MAST					
MAST MODEL	MAX FORK HEIGHT mm	LOAD CAPACITY (LOAD CENTER 500mm) (kg)	SERVICE WEIGHT (KG)	MAST OVERALL HEIGHT (FORK TO THE GROUND)	MAST TILT ANGLE α/β (°)
		5T	5T	5T	5T
M260	2600	5000	6704 (6874)	2075	6/12
M270	2700	5000	6716 (6886)	2125	6/12
M300	3000	5000	6750 (6920)	2275	6/12
M330	3300	5000	6784 (6954)	2425	6/12
M350	3500	5000	6807 (6977)	2525	6/12
M370	3700	5000	6830 (7000)	2625	6/12
M400	4000	5000	6919 (7089)	2825	6/6
M425	4250	4700*5000	6948 (7118)	2950	6/6
M450	4500	4500*5000	6977 (7147)	3075	6/6
M475	4750	4250*4600	7006 (7176)	3200	6/6
M500	5000	4000*4200	7033 (7203)	3325	6/6
M550	5500	3600*3800	7139 (7309)	3575	6/6
M600	6000	3300*3600	7195 (7365)	3825	6/6

5T-FULL FREE 2-STAGE MAST						
MAST MODEL	MAX FORK HEIGHT mm	LOAD CAPACITY (LOAD CENTER 500mm) (kg)	SERVICE WEIGHT (KG)	MAST OVERALL HEIGHT (FORK TO THE GROUND)	FREE LIFTING HEIGHT (WITH BACKREST)	MAST TILT ANGLE α/β (°)
		5T	5T	5T	5T	5T
ZM261	2610	5000	6800 (6970)	2110	900	6/12
ZM271	2710	5000	6815 (6985)	2160	950	6/12
ZM300	3000	5000	6857 (7027)	2305	1095	6/12
ZM330	3300	5000	6901 (7071)	2455	1245	6/12
ZM350	3500	5000	6930 (7100)	2555	1345	6/12
ZM375	3750	5000	6966 (7136)	2680	1470	6/12
ZM400	4000	5000	7023 (7193)	2805	1595	6/6
ZM450	4500	4500*5000	7095 (7265)	3055	1845	6/6
ZM500	5000	4000*4200	7168 (7338)	3305	2095	6/6
ZM550	5500	3600*3800	7284 (7454)	3555	2345	6/6
ZM600	6000	3300*3600	7333 (7503)	3805	2595	6/6

5T-FULL FREE 3-STAGE MAST						
MAST MODEL	MAX FORK HEIGHT mm	LOAD CAPACITY (LOAD CENTER 500mm) (kg)	SERVICE WEIGHT (KG)	MAST OVERALL HEIGHT (FORK TO THE GROUND)	FREE LIFTING HEIGHT (WITH BACKREST)	MAST TILT ANGLE α/β (°)
		5T	5T	5T	5T	5T
ZSM435	4350	4400*4800	7098 (7268)	2190	960	6/6
ZSM450	4500	4200*4700	7118 (7288)	2240	1010	6/6
ZSM470	4700	4050*4300	7144 (7314)	2305	1075	6/6
ZSM480	4800	3950*4100	7157 (7327)	2340	1110	6/6
ZSM500	5000	3800*4000	7197 (7367)	2440	1210	6/6
ZSM540	5500	3500*3700	7274 (7444)	2575	1345	6/6
ZSM600	6000	3150*3400	7382 (7552)	2810	1580	6/6



Note : The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front of the fork. The base point of the standard load refers to the center position of the cube with 1000mm length of side. When mast is tilted forward, non standard fork usage or load with over wide goods, load capacity will be reduced. Different load capacity in different load center can be known in time through load chart

